

Patent Claims

- 5 1. Process for the preparation of a highly concentrated, liquid formulation comprising at least one anti-EGFR antibody and/or one of its variants and/or fragments by ultrafiltration.
- 10 2. Process according to Claim 1, characterised in that the highly concentrated, liquid formulation obtained has a content of an anti-EGFR antibody of 10 – 250 mg/ml.
- 15 3. Process according to Claim 1, characterised in that the highly concentrated, liquid formulation obtained has a content of an anti-EGFR antibody of 50 – 180 mg/ml.
- 20 4. Process according to Claim 1, characterised in that the highly concentrated, liquid formulation obtained has a content of an anti-EGFR antibody of 100 – 150 mg/ml.
- 25 5. Process according to one or more of Claims 1 to 4, characterised in that the anti-EGFR antibody is monoclonal and is of murine or human origin.
6. Process according to one or more of Claims 1 to 5, characterised in that the anti-EGFR antibody is of murine origin and is chimeric or humanised.
- 30 7. Process according to one or more of Claims 1 to 6, characterised in that the anti-EGFR antibody is Mab C225 (cetuximab) or Mab h425 (EMD72000).

8. Highly concentrated, liquid formulation comprising at least one anti-EGFR antibody and/or one of its variants and/or fragments.
- 5 9. Highly concentrated, liquid formulation according to Claim 8, characterised in that the highly concentrated, liquid formulation has a content of an anti-EGFR antibody of 10 – 250 mg/ml.
- 10 10. Highly concentrated, liquid formulation according to Claim 8, characterised in that the highly concentrated, liquid formulation has a content of an anti-EGFR antibody of 50 – 180 mg/ml.
- 15 11. Highly concentrated, liquid formulation according to Claim 8, characterised in that the highly concentrated, liquid formulation has a content of an anti-EGFR antibody of 100 – 150 mg/ml.
- 20 12. Highly concentrated, liquid formulation according to one or more of Claims 8 to 11, characterised in that the anti-EGFR antibody is monoclonal and is of murine or human origin.
- 25 13. Highly concentrated, liquid formulation according to one or more of Claims 8 to 12, characterised in that the anti-EGFR antibody is of murine origin and is chimeric or humanised.
- 30 14. Highly concentrated, liquid formulation according to one or more of Claims 8 to 13, characterised in that the anti-EGFR antibody is Mab C225 (cetuximab) or Mab h425 (EMD72000).
15. Highly concentrated, liquid formulation comprising at least one anti-EGFR antibody and/or one of its variants and/or fragments obtainable by a process according to one or more of Claims 1 to 7.

16. Highly concentrated, liquid formulation according to one or more of Claims 8 to 15 as storage-stable medicament.
- 5 17. Highly concentrated, liquid formulation according to one or more of Claims 8 to 16, characterised in that it optionally comprises excipients and/or adjuvants and/or further pharmaceutical active ingredients.
18. Use of a highly concentrated, liquid formulation according to one or more of Claims 8 to 17 for the preparation of a medicament.
- 10 19. Use of a highly concentrated, liquid formulation according to one or more of Claims 8 to 17 for the preparation of a medicament for the treatment and/or prophylaxis of tumours and/or tumour metastases.
- 15 20. Use according to Claim 19, where the tumour is selected from the group consisting of brain tumour, tumour of the urogenital tract, tumour of the lymphatic system, stomach tumour, laryngeal tumour, monocytic leukaemia, lung adenocarcinoma, small-cell lung carcinoma, pancreatic cancer, glioblastoma and breast carcinoma.

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